

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD061019AR\  
 Data File : FD029374.D  
 Signal(s) : FID2B.CH  
 Acq On : 10 Jun 2019 14:47  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 11 01:22:18 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 051519.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 15 16:09:05 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.739  | 1701500    | 21.496 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.99%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.605  | 1189081    | 22.019 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 44.04%       |
| 11) S ortho-Terphenyl (SURR)       | 11.641 | 1885758    | 22.867 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 45.73%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.534  | 1898428    | 21.324 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.080  | 1987832    | 21.267 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.131  | 1923995    | 21.355 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.409  | 1866181    | 21.703 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.704  | 1956629    | 21.895 ug/ml |
| 8) T Fluorene (C16.55)             | 9.483  | 1930376    | 22.050 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.878 | 2053117    | 22.922 ug/ml |
| 10) T Anthracene (C19.43)          | 10.953 | 1858171    | 20.882 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.688 | 2187187    | 22.785 ug/ml |
| 13) T Pyrene (C20.8)               | 12.986 | 2238943    | 22.757 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.850 | 2032242    | 20.592 ug/ml |
| 15) T Chrysene (C27.41)            | 14.893 | 2125084    | 21.223 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.397 | 2131731    | 20.680 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.429 | 2089385    | 20.617 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.775 | 1988814    | 19.626 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.132 | 1593616    | 16.400 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.170 | 1521934    | 16.920 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.387 | 1792155    | 17.721 ug/ml |
| -----                              |        |            |              |

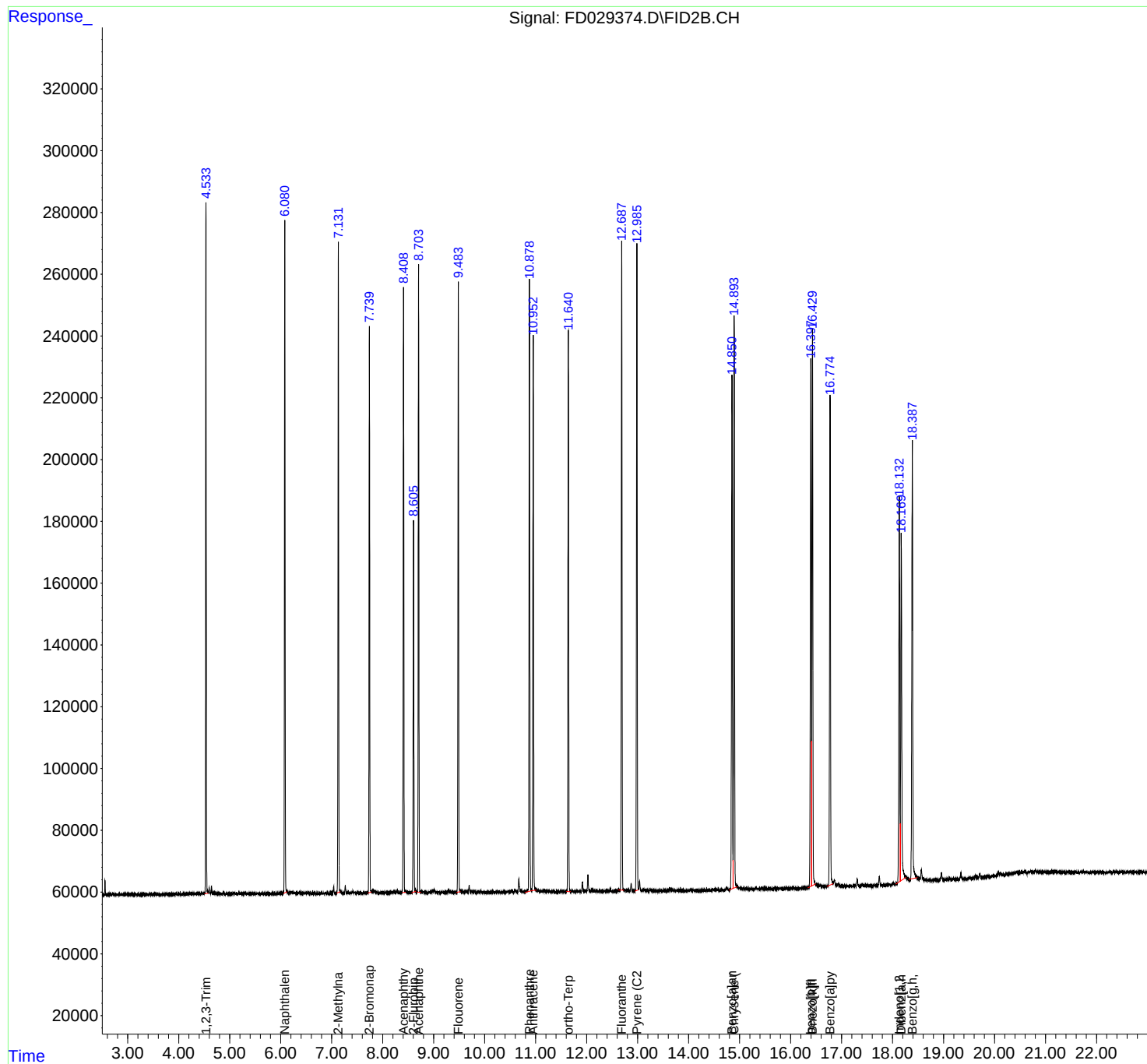
(f)=RT Delta > 1/2 Window

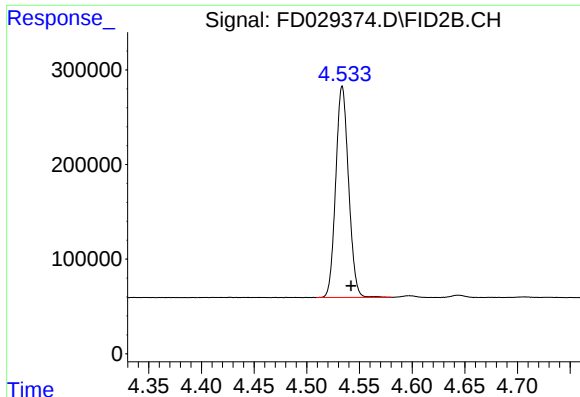
(m)=manual int.

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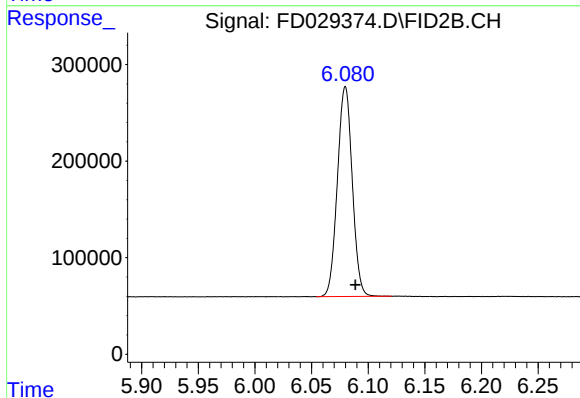
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





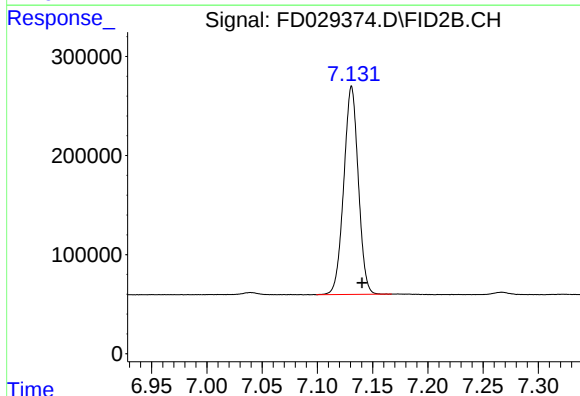
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.534 min  
Delta R.T.: -0.008 min  
Response: 1898428  
Conc: 21.32 ug/ml



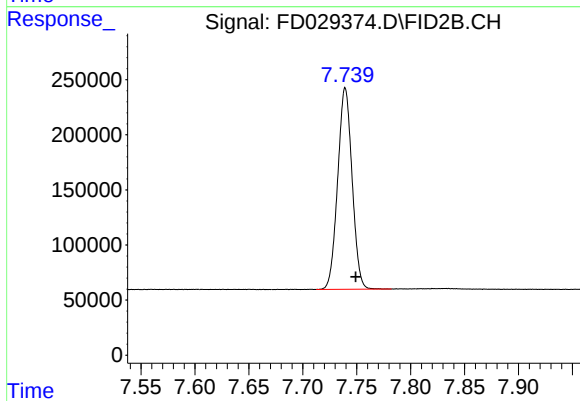
#2 Naphthalene (C11.7)

R.T.: 6.080 min  
Delta R.T.: -0.009 min  
Response: 1987832  
Conc: 21.27 ug/ml



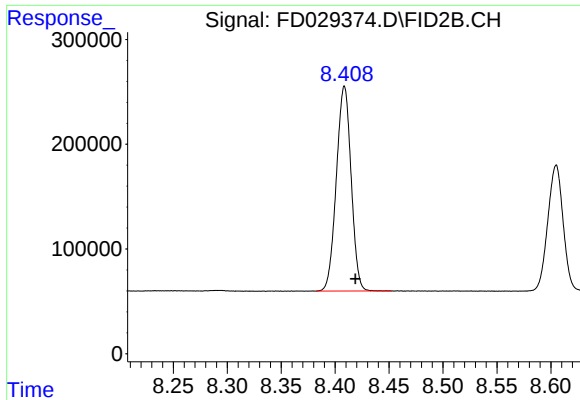
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.131 min  
Delta R.T.: -0.010 min  
Response: 1923995  
Conc: 21.36 ug/ml



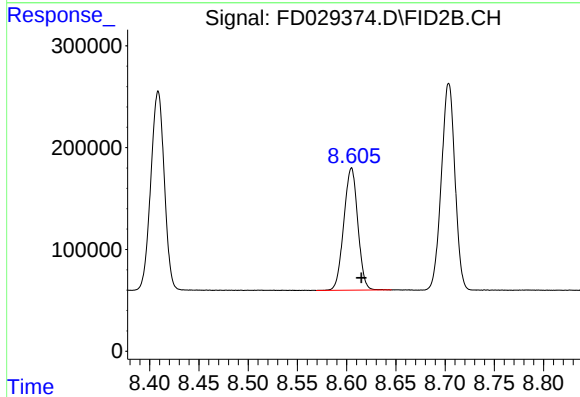
#4 2-Bromonaphthalene (SURR)

R.T.: 7.739 min  
Delta R.T.: -0.010 min  
Response: 1701500  
Conc: 21.50 ug/ml



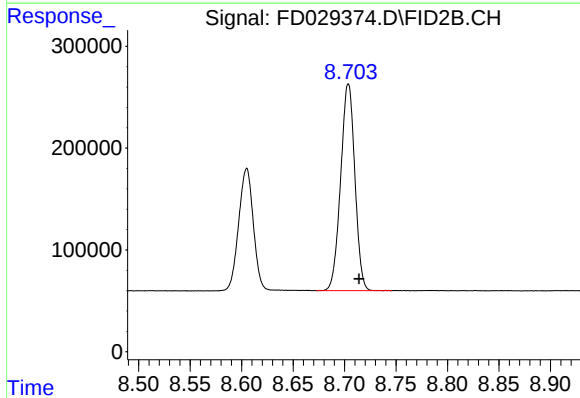
#5 Acenaphthylene (C15.06)

R.T.: 8.409 min  
Delta R.T.: -0.010 min  
Response: 1866181  
Conc: 21.70 ug/ml



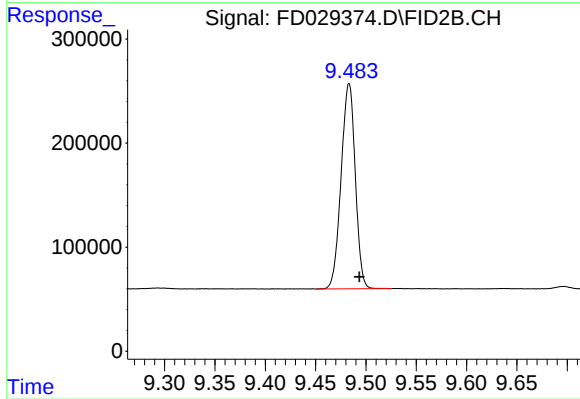
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.605 min  
Delta R.T.: -0.010 min  
Response: 1189081  
Conc: 22.02 ug/ml



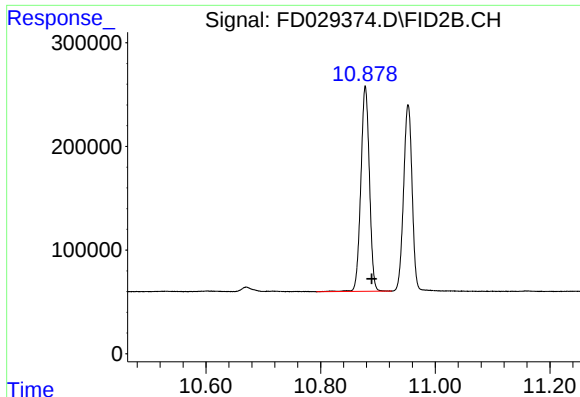
#7 Acenaphthene (C15.5)

R.T.: 8.704 min  
Delta R.T.: -0.010 min  
Response: 1956629  
Conc: 21.90 ug/ml



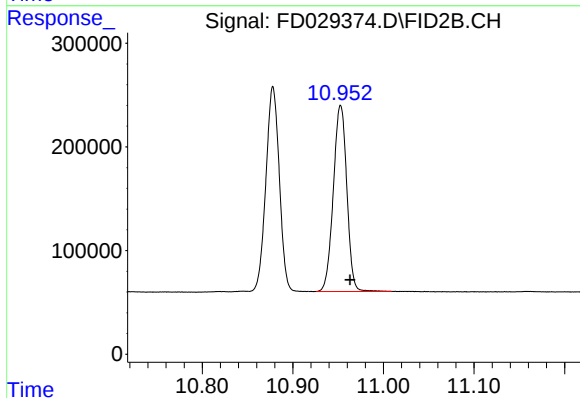
#8 Fluorene (C16.55)

R.T.: 9.483 min  
Delta R.T.: -0.010 min  
Response: 1930376  
Conc: 22.05 ug/ml



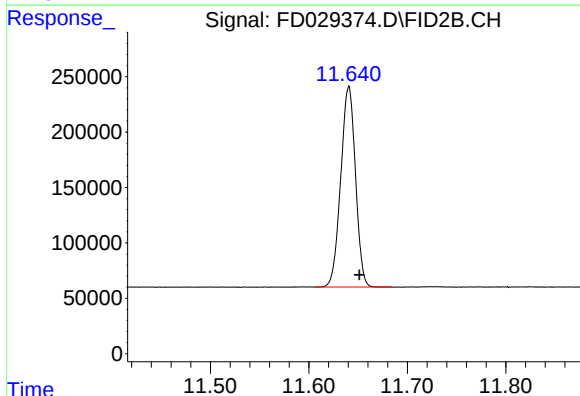
#9 Phenanthrene (C19.36)

R.T.: 10.878 min  
Delta R.T.: -0.011 min  
Response: 2053117  
Conc: 22.92 ug/ml



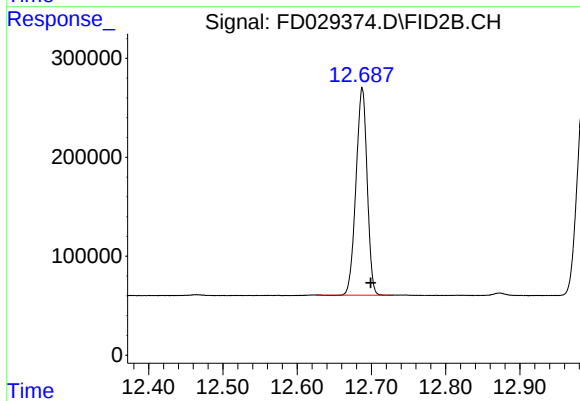
#10 Anthracene (C19.43)

R.T.: 10.953 min  
Delta R.T.: -0.011 min  
Response: 1858171  
Conc: 20.88 ug/ml



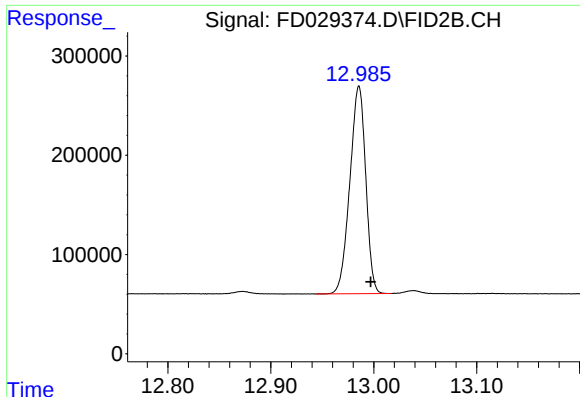
#11 ortho-Terphenyl (SURR)

R.T.: 11.641 min  
Delta R.T.: -0.011 min  
Response: 1885758  
Conc: 22.87 ug/ml



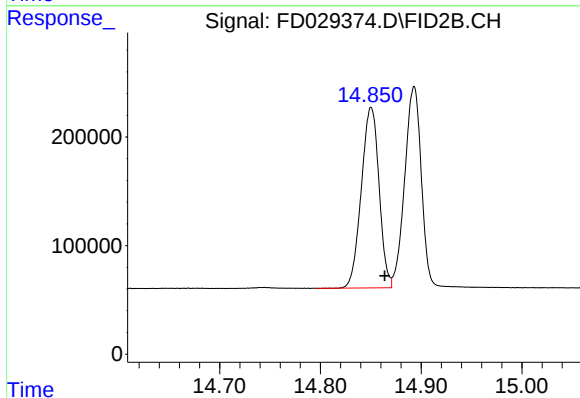
#12 Fluoranthene (C21.85)

R.T.: 12.688 min  
Delta R.T.: -0.012 min  
Response: 2187187  
Conc: 22.78 ug/ml



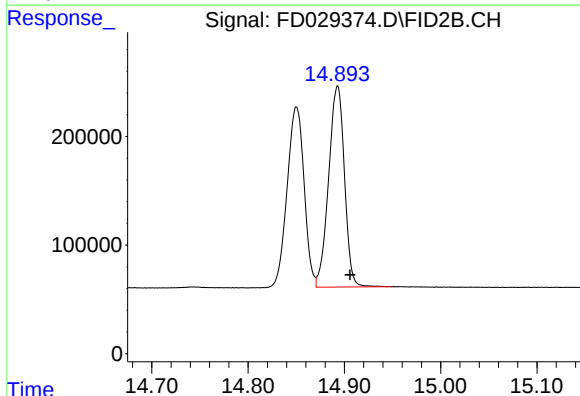
#13 Pyrene (C20.8)

R.T.: 12.986 min  
Delta R.T.: -0.012 min  
Response: 2238943  
Conc: 22.76 ug/ml



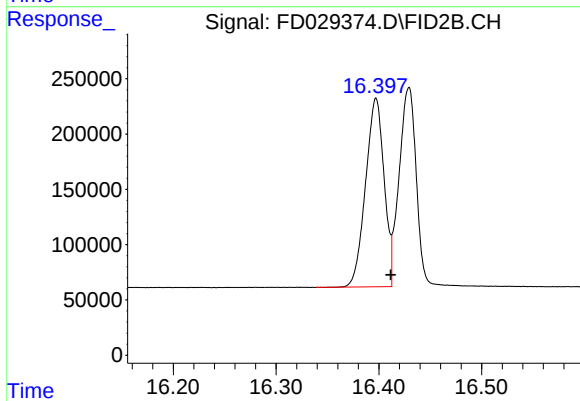
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.850 min  
Delta R.T.: -0.013 min  
Response: 2032242  
Conc: 20.59 ug/ml



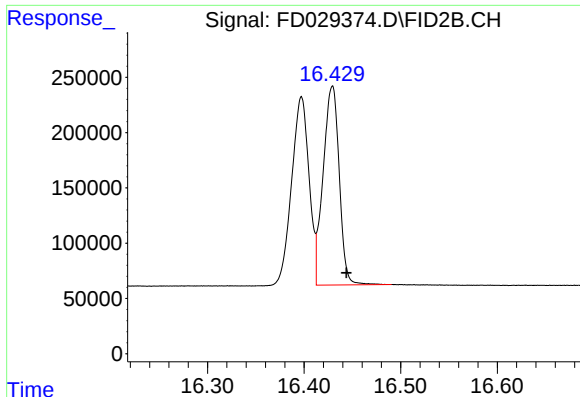
#15 Chrysene (C27.41)

R.T.: 14.893 min  
Delta R.T.: -0.013 min  
Response: 2125084  
Conc: 21.22 ug/ml



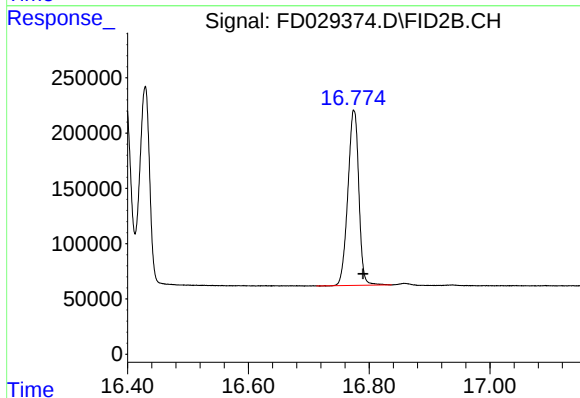
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.397 min  
Delta R.T.: -0.014 min  
Response: 2131731  
Conc: 20.68 ug/ml



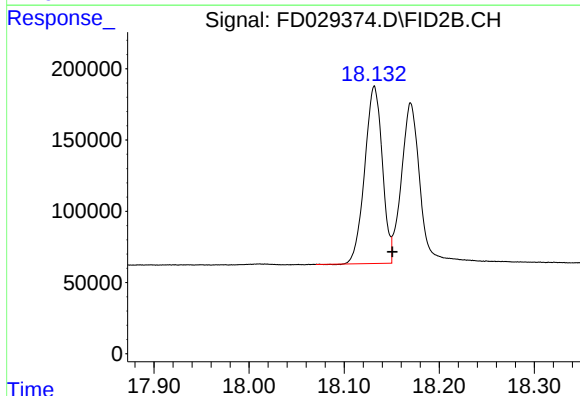
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.429 min  
Delta R.T.: -0.015 min  
Response: 2089385  
Conc: 20.62 ug/ml



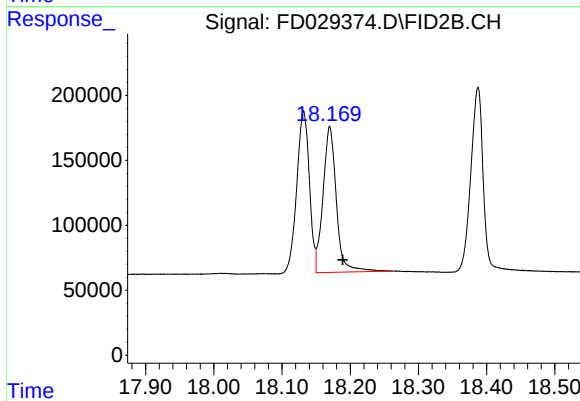
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.775 min  
Delta R.T.: -0.015 min  
Response: 1988814  
Conc: 19.63 ug/ml



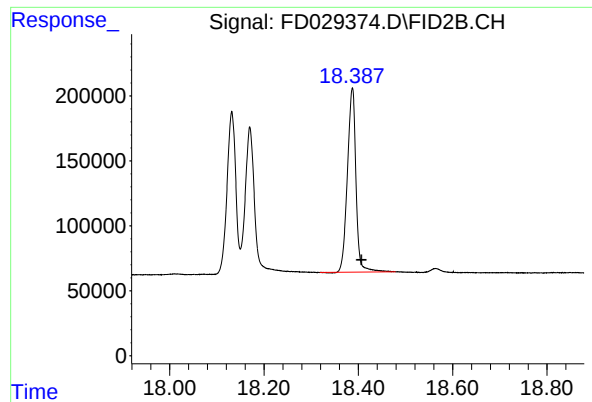
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.132 min  
Delta R.T.: -0.019 min  
Response: 1593616  
Conc: 16.40 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.170 min  
Delta R.T.: -0.019 min  
Response: 1521934  
Conc: 16.92 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.387 min  
Delta R.T.: -0.019 min  
Response: 1792155  
Conc: 17.72 ug/ml